



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/679,576	10/06/2003	Jaakko Lehtikoinen	872.0157.U1(US)	3118
29683	7590	06/27/2005	EXAMINER	
HARRINGTON & SMITH, LLP 4 RESEARCH DRIVE SHELTON, CT 06484-6212			NGUYEN, DUC M	
			ART UNIT	PAPER NUMBER
			2685	

DATE MAILED: 06/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/679,576	Applicant(s) LEHIKONEN ET AL.	
	Examiner Duc M. Nguyen	Art Unit 2685	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –
(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims **1-6, 8-9, 14-16, 18-22, 24-25, 30** are rejected under 35 U.S.C. 102(e) as being anticipated by **Sheha et al** (US 2005/0073443).

Regarding claim **1**, **Sheha** discloses a method for storing, referencing, retrieving, and graphically displaying spatial (location information) and non-spatial (activity or the use of mobile terminal) related information of a mobile terminal (see Abstract and the entire reference) which would include all the claimed limitations, comprising:

a memory storing application software and data that is descriptive of the use of the mobile terminal (see [0101], [0105], [0119]);

a display (see [0101], [0105], [0119]); and

a controller, coupled to the memory and responsive to the application software and to at least a sub-set of the stored data, for visualizing on the display, in a graphical form, the use of the mobile station over a period of time (see Fig. 6, 10 and [0101], [0105], [0119]);.

Regarding claim **2**, **Sheha** further discloses the controller constructs a temporally-based visualization of the use of the mobile station (see [0119]).

Regarding claim **3**, **Sheha** further discloses the controller constructs a chronological visualization of the use of the mobile station (see Figs. 6, 10).

Regarding claim **4**, **Sheha** further discloses the temporally-based visualization incorporates scheduled events (see [0119]).

Regarding claim **5**, **Sheha** further discloses the temporally-based visualization incorporates mobile terminal location information (see Fig. 6).

Regarding claim **6**, **Sheha** further discloses the temporally-based visualization incorporates mobile terminal sensor data information (see [008]).

Regarding claim **8**, **Sheha** further discloses the temporally-based visualization incorporates at least one of messages that are sent from and sent to the mobile terminal (see [0119])

Regarding claim **9**, **Sheha** further discloses the temporally-based visualization incorporates an indication of images that are captured by the mobile terminal (see [0008], [0105] and [0119]).

Regarding claim **14**, **Sheha** further discloses a user input as claimed (see [0105]).

Regarding claim **15**, the claim is rejected for the same reason as set forth in claim 1 above.

Regarding claims **16**, **18**, **Sheha** further discloses the derived information is presented graphically and textually as claimed (see Figs. 6, 10).

Art Unit: 2685

Regarding claims **19-21, 24-25**, the claims are rejected for the same reason as set forth in claims 2-4, 8-9 above, respectively.

Regarding claim **30, Sheha** further discloses a user input as claimed (see [0105]).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims **7, 17, 23** are rejected under 35 U.S.C. 103(a) as being unpatentable by **Sheha**.

Regarding claim **7**, since **Sheha** also discloses a cellular phone, it is clear that the temporally-based visualization would obviously incorporate at least one of telephone calls that are made from and made to the mobile terminal as well, in order for the mobile to keep track of whom the mobile has contacted during a period of time.

Regarding claim **17**, the claim is rejected for the same reason as set forth in claim 15 above. In addition, since the non-spatial information includes voice recording, it would have been obvious that the recording would provide auditory means as claimed in order to present the recorded voice when retrieving by the user of the mobile terminal.

Art Unit: 2685

Regarding claim **23**, the claim is rejected for the same reason as set forth in claim 7 above.

5. Claims **10-13, 26-29, 31-36** are rejected under 35 U.S.C. 103(a) as being unpatentable by **Sheha** in view of **Csaszar** (US 2003/0233422).

Regarding claims **10-13, Sheha** fails to disclose a web log (blog). However, **Csaszar** discloses a method for deriving content or objects for publishing on the blog of a web site (see Abstract, Fig. 7 and [0163]). Since **Sheha** discloses the mobile terminal information is shared with a group of users and published on the Internet (see [0029], [0032] , [0082] and [0086]), it would have been obvious to one skilled in the art at the time the invention was made to provide the above teaching of **Csaszar** to **Sheha** for publishing information using a blog as claimed, for utilizing the popular application widely used by many users, for global use.

Regarding claims **26-29, 31, 34**, the claims are rejected for the same reason as set forth in claim 10 above.

Regarding claims **32, 35**, the claims are rejected for the same reason as set forth in claim 10 above. In addition, **Sheha** as modified would disclose animations as claimed (see **Csaszar**, Fig. 7).

Regarding claims **33, 36**, the claims are rejected for the same reason as set forth in claim 10 above. In addition, **Sheha** as modified would disclose textual information generated automatically by the blog as claimed (see **Csaszar**, [0163]).

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Cadiz et al (US 2004/0235520), Enhanced telephony computer user interface allowing user interaction and control of a telephone using a personal computer.

Brown et al (US 2002/0164995), Method, system, and program for providing user location information for a personal information management system from transmitting devices.

7. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for formal communications intended for entry)

(571)-273-7893 (for informal or draft communications).

Any inquiry concerning this communication or communications from the examiner should be directed to Duc M. Nguyen whose telephone number is (571) 272-7893, Monday-Thursday (9:00 AM - 5:00 PM).

Or to Edward Urban (Supervisor) whose telephone number is (571) 272-7899.

Duc M. Nguyen

June 13, 2005

